

**FIG. 1**  
PRIOR ART

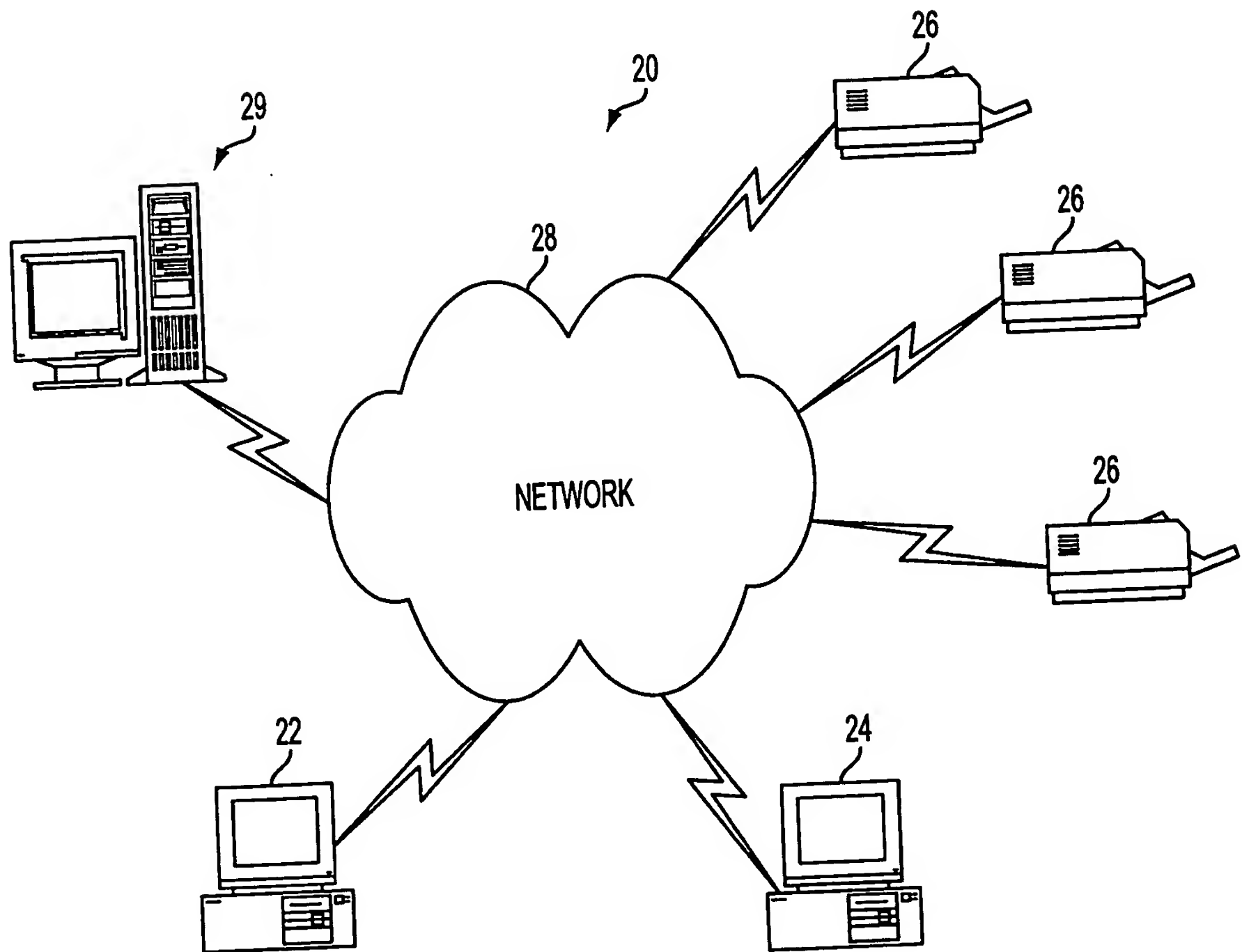


FIG. 2

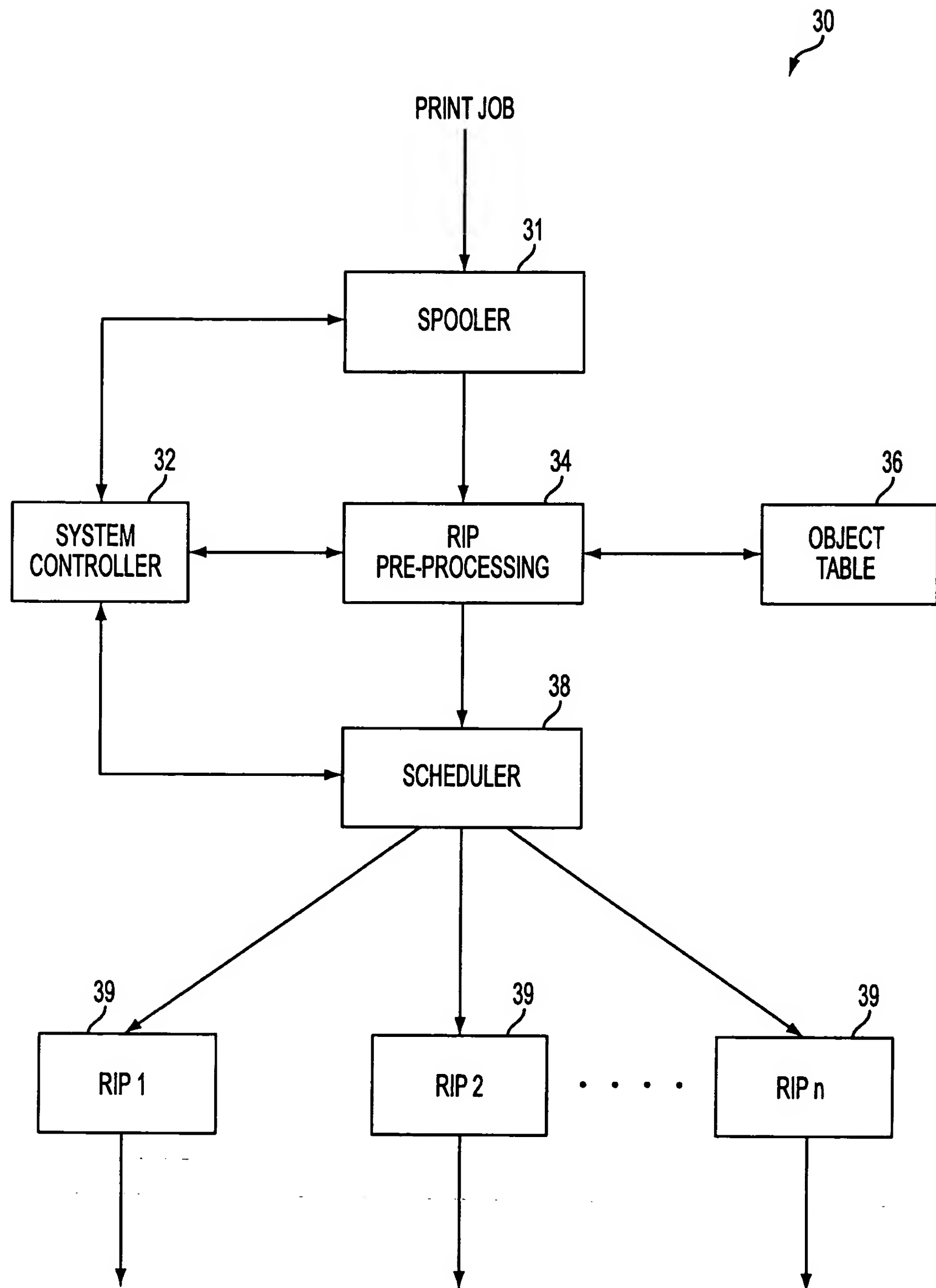


FIG. 3

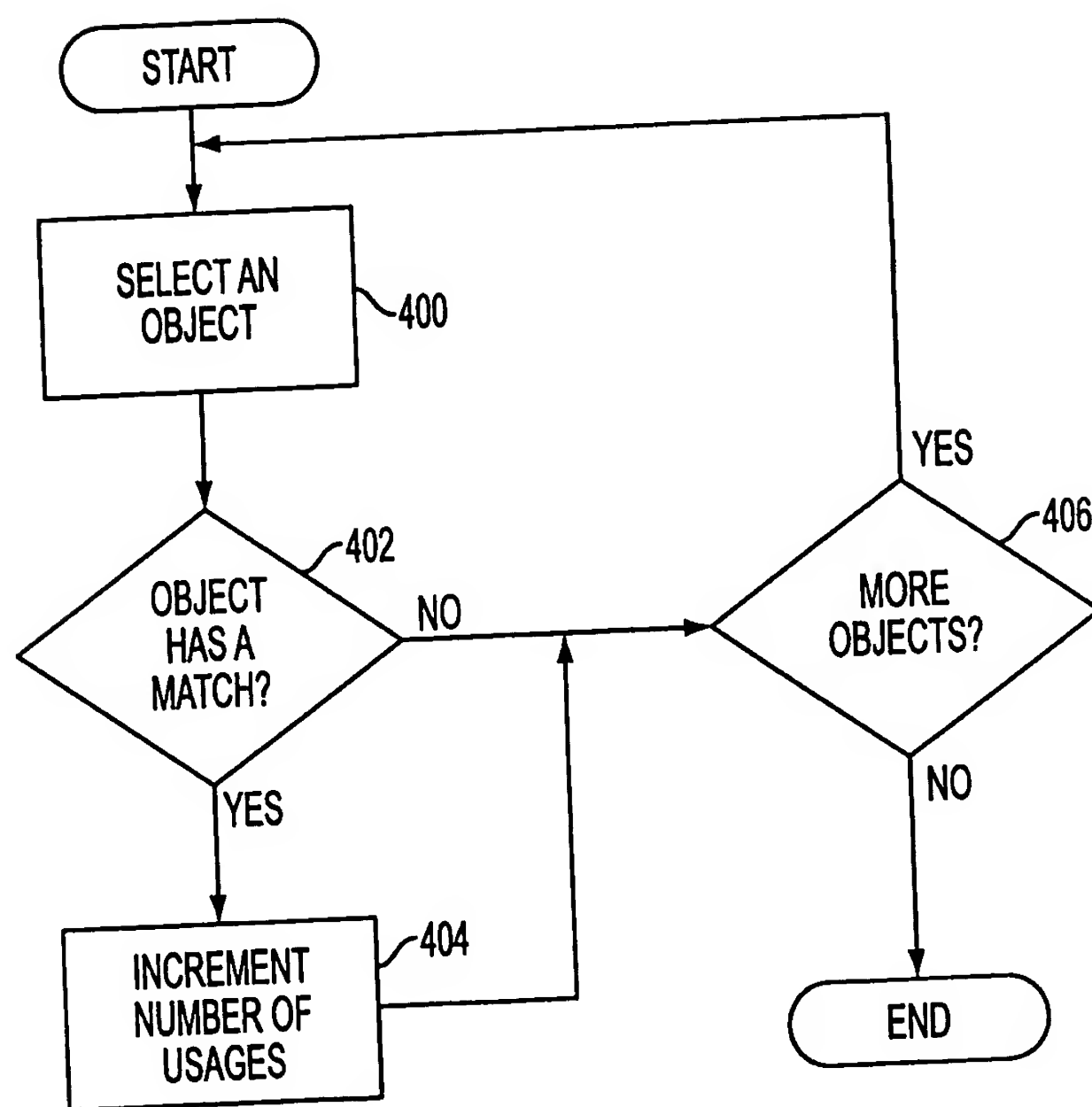


FIG. 4A

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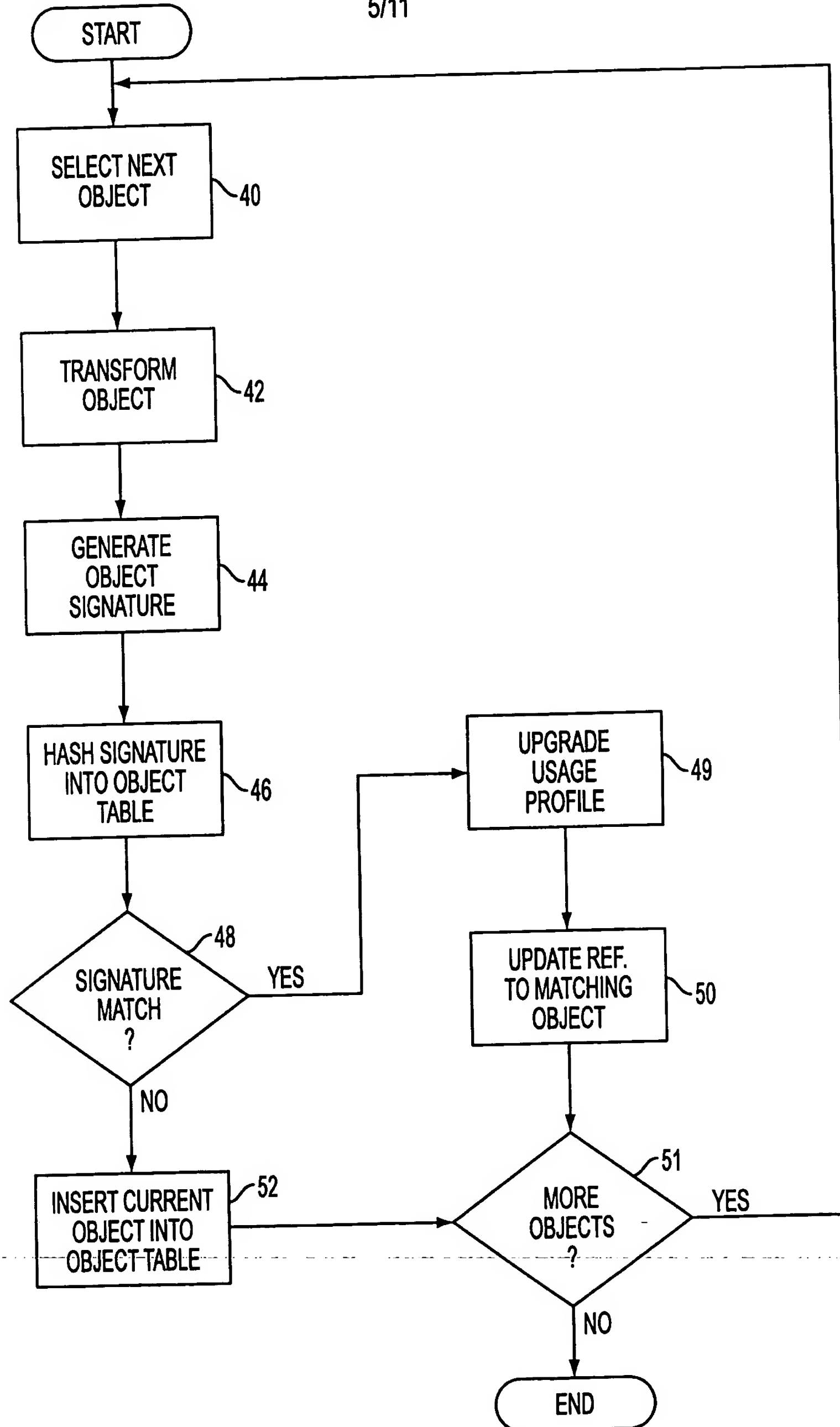


FIG. 4B

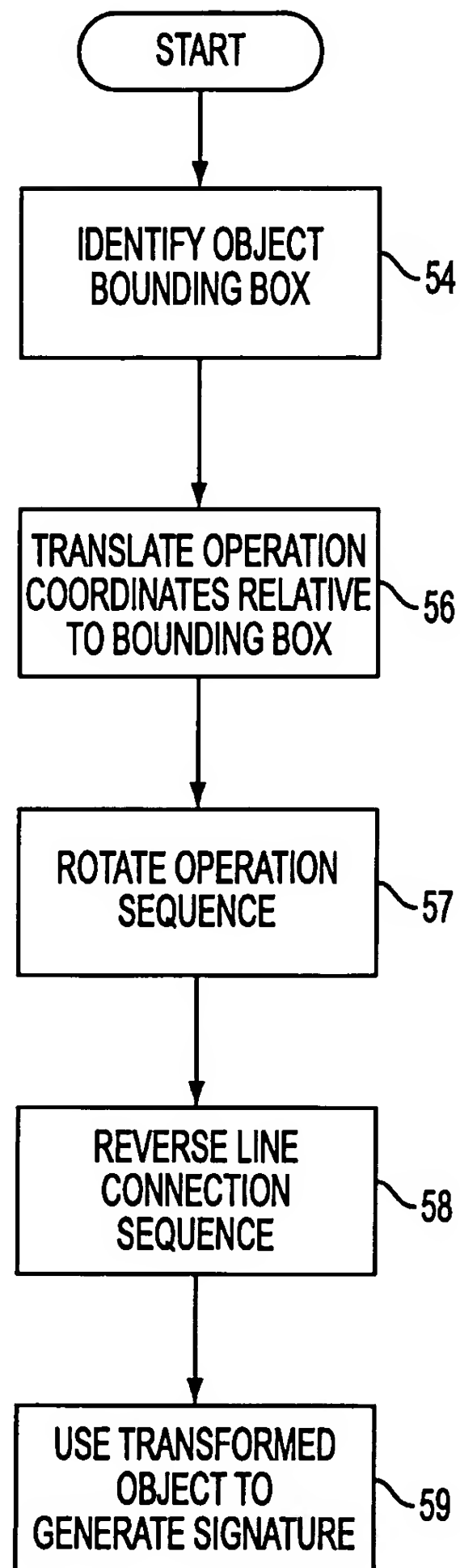


FIG. 5

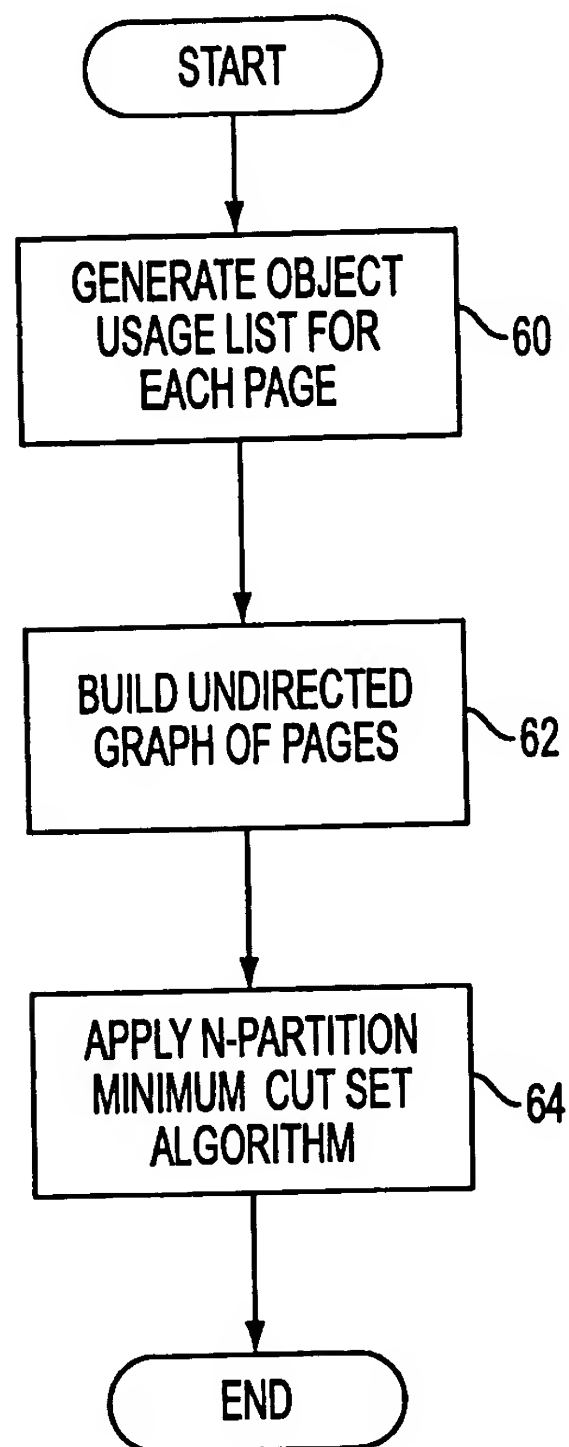


FIG. 6

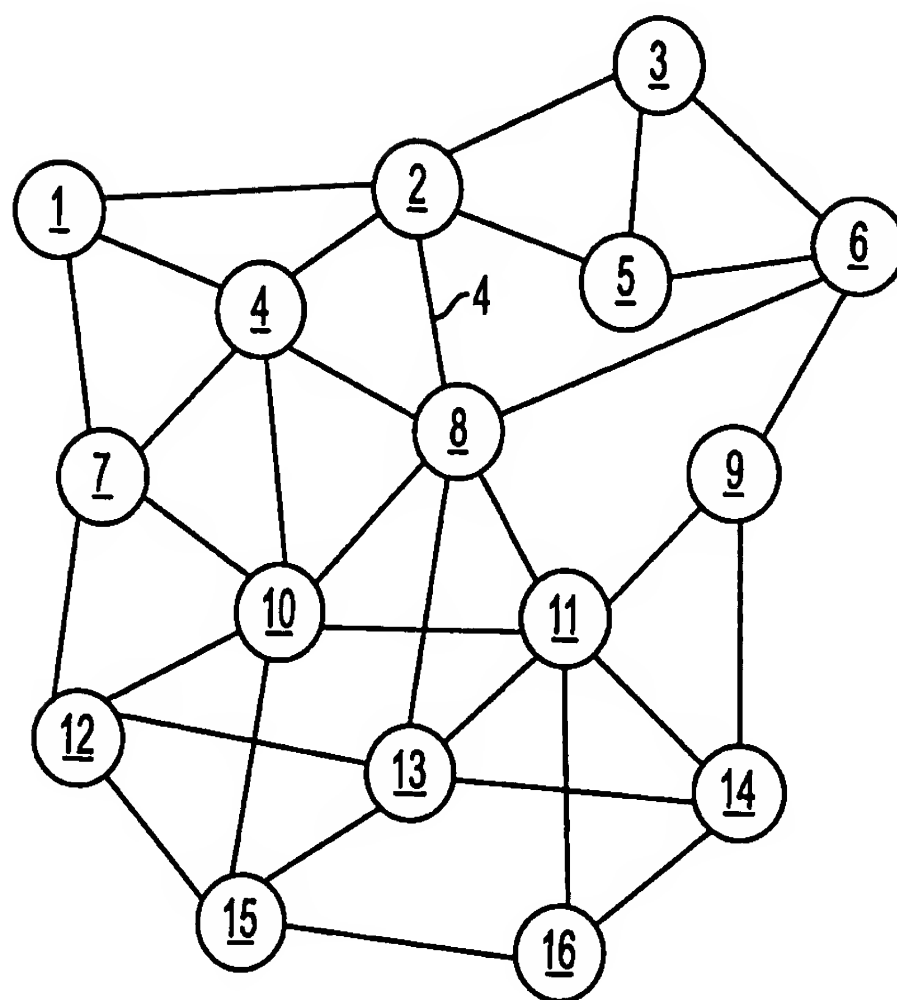


FIG. 7



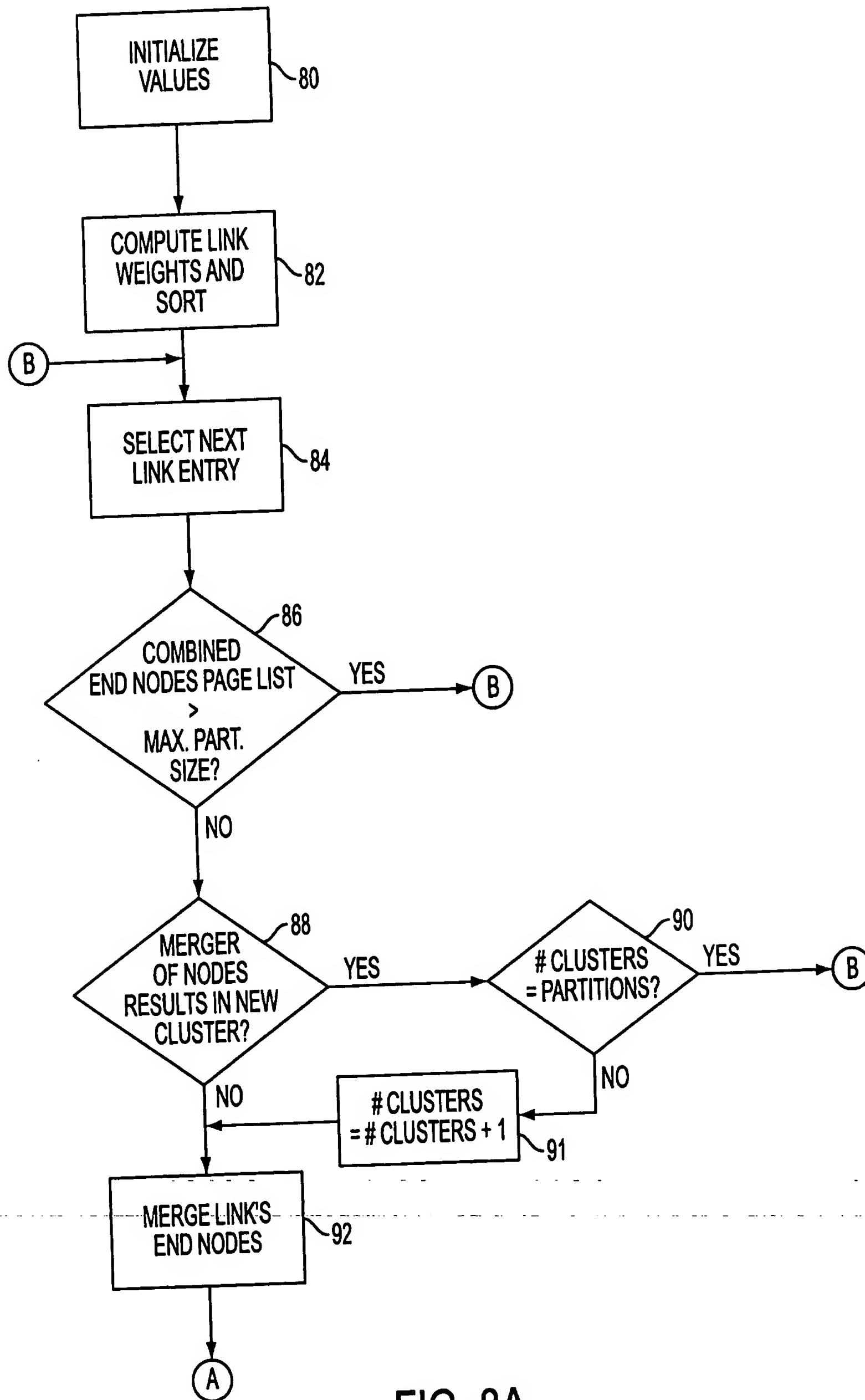


FIG. 8A

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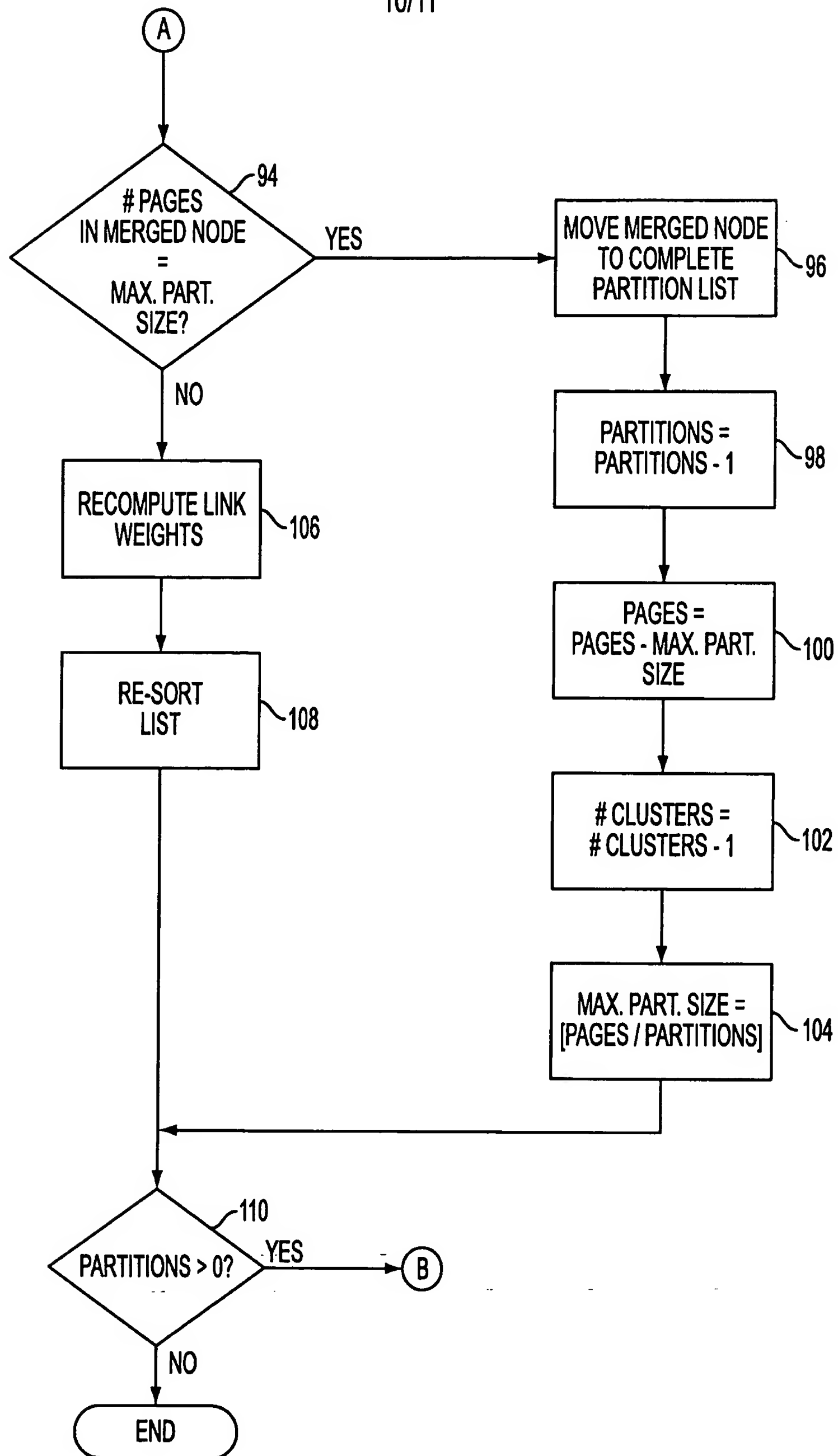


FIG. 8B

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PDF FILE W/ EMBEDDED OBJECT  
USAGE PROFILE

```
<PDF Header>

<PDF Body>

xref
' `R
0000000000 65535 f
0000000019 00000 n
0000000480 00000 n
0000000503 00000 n
0000171680 00000 n
0000171714 00000 n
0000171733 00000 n
0000171883 00000 n
0000171902 00000 n
0000171994 00000 n
0000172143 00000 n
0000172163 00000 n
0000172314 00000 n
0000172334 00000 n
0000172427 00000 n
0000172579 00000 n
0000172670 00000 n
0000172724 00000 n
trailer
<<
<Size 18
<Root 16 0 R
<Info 1 0 R
<ID
[<2dfa5b50259373513075b4f
332ce2208><2dfa5b50259373
913075b4f332ce2208>]
>>
startxref

EOF
```

Usage Profile Object (Flate encoded form)

```
17 0 obj
<< /Length 167 /Filter /FlateDecode >>
stream
xœÔ+OÊ
..NLO
(ÊOEÎIU^æR±Q0T"6^U±_sœ_ç
_œ^ä_u_RÊ1ç_'..
<a_œ_ÂÂÂÂP_Ω+æp#<'e`tf"§>Ýtv"
_-J
s-__6-` &<F(ÍÂô__8__Xœ__~_Di3V'∞
XÁEub__"__s<+ f_b&S{"'"ØL_ä
_@T_äœŠ`_:_G@
endstream
endobj
```

Non-Compressed Object  
Usage Profile Stream

```
/ObjUsageProfile<<
1 5
5[1 3 4 5 8]
3
3[3 4 5]
2[1 2]
7[2 2 4 4 6 6 6]
8 3
2[6 7]
2[6 7]
4[1 2 6 7]
13 5
4[1 2 2 2]
3[4 6 8]
1[0]
3[2 4 4]
1[9 9]
>>
```

Usage info for object 1  
thru 5. Note object 2  
does not include the  
optional page list

Usage info for object 8  
thru 10.

Usage info for object 13  
thru 17. Note object 15  
used prior to page 1 and  
object 17 used after last  
page (page 8).

FIG. 9